(iv) Tissue culture materials are released within six hours at the port of entry.

(v) The requirement of IP in case of plants and plant materials meant for consumption and the IP & phyto-sanitary Certificates (PSCs) in case of the materials imported through foreign post channels and as accompanied baggage by Air has been done away.

(vi) The requirement of the Permit for the import of Mushroom Spawn Culture in respect of 100% Export Oriented Units has been dispensed with.

(vii) The requirement of permit for the import of Tissue Culture Materials of Plant origin and flowers has been dispensed with.

(viii) The list of the Officers in the Agriculture Department of States/Union Territories authorised to inspect/treat the plants/plant materials and to issue PSC in lieu thereof has been revised and enlarged based on the recommendations received from the States/UTs in order to extend more facilities for export certification work.

(ix) The import of True Potato Seeds (TPS) and Potato micro-tubers (in-vitro) in tubes has been allowed to general public.

Consumption of Nitrogen, Phosphate and Potash Fertilizers

1553. SHRI BALBIR SINGH : Will the Minister of AGRICULTURE be pleased to state :

(a) the consumption ratio per hectare of N/P/K (Nitrogen, Phosphate, Potash) in 1970, 1980, 1990, 1992 and 1993;

(b) the consumption of various fertilizers in 1970, 1980, 1990, 1992 and 1993 both Nutrient-wise and Produce-wise ;

(c) the recommendations of Agricultural Scientists for the use of NPK for optimum production/yield ;

(d) whether the consumption of P & K has come down after decontrol and what will its repercussion on soil for better productivity; and

(e) whether Government are aware that since 24th August, 1992 when Low Nutrient Fertilizer namely, CAN/AS/AMM, Chloride were again brought under price control, these fertilizers are being sold at premium in certain pockets; if so, what measures Government propose to take about it ?

THE MINISTER OF STATE IN THE MINISTRY OF AGRICULTURE (SHRI ARVIND NETAM) : (a) The All India NPK consumption ratio for the relevant period is given in enclosed statement (*see* below) :

(b) The nutrient-wise fertilizer consumption for the relevant period is given in enclosed statement *see* below. The product-wise consumption statistics is maintained only since 1988—1989. The information is, therefore, given for the year 1988-89 onwards enclosed statement III. (*see* below).

(c) On an overall national average basis, a NPK consumption ratio of 4 : 2 : 1 is considered desirable.

The recommendation for fertilizer use varied from crop to crop and soil to soil. State Governments make generalised fertilizer recommendation for different crops in their States. Specific recommendation for fertilizer use by an individual farmer is required to be made based on analysis of the soil of his farm.

(d) There is a declining trend in consumption of P & K fertilizers after decontrol. On long term basis, the declining trend can affect the productivity adversely. Efforts are being made to popularise the use of chemical fertilizers in combination with organic manures and bio-fertilizers so that consumption of nutrients increases and the possible decline in productivity is arrested.

(e) There are no specific reports received in the Ministry regarding low analysis fertilizers being sold at premium prices. However, the State Governments, who monitor the price at field level, are periodically cautioned to be vigilant against such eventuality.

Statement-I

All India Year-Wise N P K Consumption Ratio

Year	RATIO		
	N	P	K
1970-71	6.5	2.0	1
1980-81	5.9	1.9	1
1990-91	6.0	2.4	1
1991-92	5.9	2.4	1
1992-93	9.5	3.2	1

Statement II

All Indla Nutrient-wise Fertilizer Consumption

Year	consumption (Lakh Tonnes)			
	N	P	K	Total
1970-71	14.87	4.62	2.28	21.77
1980-81	36.78	12.14	6.24	55.16
1990-91	79.97	32.21	13.28	125.46
1991-92	80.46	33.21	13.61	127.28
1992-93	84.26	28.43	8.84	121.53

Statement-III

All India Product-wise and Nutrient-wise Consumption of Fertilizers

(Lakh Tonnes)

Sr. No.	Product	1988-89			1989-90			1990-91			1991-92			1992-93 (Estt.)		
		Kharif	Rabi	Total	Kharif	Rabi	Total	Kharif	Rabi	Total	Kharif	Rabi	Total	Kharif	Rabi	Total
1	Urea	64.73	61.42	126.15	60.63	67.54	128.17	64.30	76.43	140.73	64.44	75.60	140.03	65.76	83.30	149.05
2	A/S	2.63	2.89	5.52	2.67	3.16	6.03	2.97	2.41	5.38	2.34	2.71	5.05	5.52	3.18	5.70
3	A/C	0.40	0.43	0.83	0.32	0.38	0.70	0.38	0.43	0.81	0.39	0.54	0.93	0.53	0.70	1.33
4	CAN	2.07	2.58	4.65	2.25	1.99	4.24	1.85	2.13	3.99	1.82	2.18	4.00	1.96	3.59	5.55
5	DAP	13.68	21.35	34.03	17.45	23.51	40.97	17.04	25.58	42.62	18.88	26.30	45.18	19.35	21.14	40.49
6	SSP	13.11	15.28	28.39	16.36	13.25	31.61	17.54	17.98	35.52	17.67	13.98	31.65	11.46	8.62	20.08
7	Rock Phos.	0.79	0.81	1.60	0.68	0.77	1.45	0.61	0.72	1.32	0.62	0.59	1.21	0.43	0.56	0.99
8	Complexes	15.46	15.66	31.13	12.31	16.46	28.77	16.37	14.67	31.05	16.78	17.13	33.92	17.62	12.85	30.47
9	MOP	5.83	6.38	12.21	7.55	7.43	14.99	8.12	8.23	16.35	8.44	8.57	17.01	6.71	3.03	9.74
10	SOP	0.06	0.10	0.18	0.12	0.12	0.24	0.15	0.18	0.32	0.14	0.07	0.21	0.09	0.07	0.16
Total Product :		117.79	126.90	244.69	120.55	136.61	257.17	129.34	148.75	278.09	134.52	147.67	279.18	126.42	137.05	263.47